Cristian M. Banuelos Hinojosa

San Francisco, CA
cristian.manuel@gmail.com

holomorfo.com
github.com/holomorfo
linkedin.com/in/holomorfo

WORK EXPERIENCE AND PROJECTS

Lead Software Engineer   March 2021 — Present
Wells Fargo, Software Engineer SE4 - Contingent (Sibatel Contractor since January 2021)   *San Francisco, CA, Hybrid*

Led frontend development for high-impact web applications used by millions, ensuring scalability and performance drawing on my expertise in React, TypeScript, HTML/CSS, Redux, Saga among other many tools. Worked with both front-end teams and coordinated with back-end teams to design seamless integrations. Worked closely with UI/UX teams to transform complex designs into responsive and accessible user interfaces that comply with WCAG standards. As a mentor, I guided developers in the production of high-quality code and implemented a comprehensive unit and E2E test coverage strategy. Played an active role in Agile SCRUM processes, efficiently planning and delivering projects within tight deadlines with a strong focus on user experience and application performance.

Framework software developer   Sep 2024 — Present
- Developed components for an internal scalable React framework, enabling applications to have consistency.
- Ensured cross-browser compatibility and responsive design, enhancing user experience across devices.
- Worked with the Tridion CMS platform to integrate third-party SDK and content into applications.

Claims management application   Jan 2024 — Sep 2024
- Led the UI development of a card claims management app, optimizing workflows for efficiency and ease of use.
- Delivered a seamless multi-platform experience, enabling users to track, submit, and cancel claims in real-time.

Income capture application   Jun 2023 — Aug 2024
- Led the UI design for an income management app, simplifying the reporting process for millions of users.
- Collaborated with backend and design teams to ensure seamless data integration and user-friendly interfaces.
- Applied BDD practices, ensuring precise feature delivery aligned with business needs.

Switch my Card application   Feb 2021 — Sep 2024
- Developed a credit card switching app, empowering users to compare and upgrade options based on rewards.
- Led front-end development with React.js, ensuring a smooth user experience across devices.

Computer Systems Analyst   May 2019 — Dec 2020
IntekGlobal-Tekmexico   *Tijuana, BC, Mexico, On site*

- Developed web applications and implemented machine learning models to optimize performance and drive innovation.
- Built full stack applications using Node.js, developing both backend services and frontend integrations.
- Led application development and integration of speech recognition systems, enhancing the user experience of audio analysis.
- Used TypeScript and Python to build scalable, high-performance systems, integrating database and container orchestration.

P5.js open source library contributor   Apr 2024 — Present
Processing Foundation (personal project)   *San Francisco, CA*

- Refactored the math module for P5.js 2.0, adding higher-dimensional vector support and integrating p5.Matrix.
- Enhanced library functionality by exploring external dependencies and optimizing performance for creative coding.
- Contributed to an open-source community, improving accessibility for artists and developers in interactive visual art.

EDUCATION

PhD Music Technology (AI Software development) *National Autonomous University of Mexico (UNAM)*   Mexico City, Mexico
Master's degree, Music Technology
Bachelor's degree, Applied Mathematics   *Autonomous University of Baja California (UABC)*   Baja California, Mexico

SKILLS

UI Tools	HTML 4, 5, CSS 2,3, TypeScript, JavaScript (ES4, ES5, ES6+), React.js, Redux.js, Redux-Saga, jQuery, Next.js, Material UI, Bootstrap, Tailwind, Storybook, jQuery UI, Bulma, SASS, LESS, Webpack, Vite, C#, Unity.
Backend Tools	Node.js, Express.js, MongoDB/Mongoose, nginx GraphQL, Oracle SQL, WebSockets, Socket.IO, Java Spring Boot.
Testing tools	React Testing Library, Jest, Jasmine, Enzyme, BrowserStack, Puppeteer, Cucumber-JS, Selenium.
CI/CD Tools	Git, GitHub Actions, Jenkins, Docker, Splunk, TruffleHog, AppDynamics.
Other Tools	Photoshop, Lightroom, Tridion CMS, Python, plotly, WebGL, Google Maps APIs, matplotlib, numpy, Scikit-learn, Postman, Keras, Java, Unity, Vim , LaTeX, D3, P5.js.